

## Sequence listing

<110> OncoMab GmbH

<120> Human monoclonal antibody

<150> EP - 03 026 161.4

<151> 2003-11-14

<160> 4

<210> 1

<211> 96

<212> DNA

<213> Homo sapiens

<220>

<223> Amino acid sequence of the variable region of the light chain (V<sub>L</sub>) of antibody SAM-6

<400> 1

Ser Tyr Val Leu Thr Gln Pro Pro Ser Val Ser Val Ser Pro Gly  
1 5 10 15

Gln Thr Ala Ser Ile Thr Cys Ser Gly Asp Lys Leu Gly Asp Lys  
20 25 30

Tyr Ala Cys Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Val Leu  
35 40 45

Val Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg  
50 55 60

Phe Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser  
65 70 75

Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp  
80 85 90

Asp Ser Ser Ile Val Val  
95

$\langle 210 \rangle_2$ 

**<211> 288**

## <212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$ 

**<223> Nucleotide sequence of the variable region of the light chain (V<sub>L</sub>) of antibody SAM-6**

<400> 2

tcc	tat	gtg	ctg	act	cag	cca	ccc	tca	gtg	tcc	gtg	tcc	cca	gga	45
Ser	Tyr	Val	Leu	Thr	Gln	Pro	Pro	Ser	Val	Ser	Val	Ser	Pro	Gly	
1				5					10					15	

	cag	aca	gcc	agc	atc	acc	tgc	tct	gga	gat	aaa	ttg	ggg	gat	aaa	
	Gln	Thr	Ala	Ser	Ile	Thr	Cys	Ser	Gly	Asp	Lys	Leu	Gly	Asp	Lys	90
				20					25					30		

tat	gct	tgc	tgg	tat	cag	cag	aag	cca	ggc	cag	tcc	cct	gtg	ctg	135
Tyr	Ala	Cys	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Gln	Ser	Pro	Val	Leu	
			35						40					45	

<u>CDR2</u>																
gtc atc tat	caa gat agc aag cgg ccc tca	ggg atc cct gag cga														
Val Ile Tyr	Gln Asp Ser Lys Arg Pro Ser	Gly Ile Pro Glu Arg	180													
	50	55	60													

ttc	tct	ggc	tcc	aac	tct	ggg	aac	aca	gcc	act	ctg	acc	atc	agc	225
Phe	Ser	Gly	Ser	Asn	Ser	Gly	Asn	Thr	Ala	Thr	Leu	Thr	Ile	Ser	
				65					70					75	

ggg acc cag gct atg gat gag gct gac tat tac tgt cag gcg tgg 270  
 Gly Thr Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp  
 80 85 90

CDR3										
<hr/>										
gac	agc	agc	att	gtg	gta					
Asp	Ser	Ser	Ile	Val	Val					288
			95							

&lt;210&gt; 3

&lt;211&gt; 110

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<223> Amino acid sequence of the variable region of the heavy chain (V<sub>H</sub>) of antibody SAM-6

&lt;400&gt; 3

Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly  
1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser  
20 25 30

Ser Tyr Ala Met His Trp Val Arg Glu Ala Pro Gly Lys Gly Leu  
35 40 45

Glu Trp Val Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr  
50 55 60

Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser  
65 70 75

Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp  
80 85 90

Thr Ala Val Tyr Tyr Cys Ala Arg Asp Arg Leu Ala Val Ala Gly  
95 100 105

Lys Thr Phe Asp Tyr  
110

<223> Nucleotide sequence of the variable region of the heavy chain (V<sub>H</sub>) of antibody SAM-6

aaa act ttt gac tac  
Lys Thr Phe Asp Tyr  
110